

**This Page Is Inserted by IFW Operations  
and is not a part of the Official Record**

## **BEST AVAILABLE IMAGES**

**Defective images within this document are accurate representations of the original documents submitted by the applicant.**

**Defects in the images may include (but are not limited to):**

- **BLACK BORDERS**
- **TEXT CUT OFF AT TOP, BOTTOM OR SIDES**
- **FADED TEXT**
- **ILLEGIBLE TEXT**
- **SKEWED/SLANTED IMAGES**
- **COLORED PHOTOS**
- **BLACK OR VERY BLACK AND WHITE DARK PHOTOS**
- **GRAY SCALE DOCUMENTS**

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

# United States Patent Application

## COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: METHOD FOR FORMING A METALLIZATION LAYER.

The specification of which

a. ☒ is attached hereto

b. \_\_\_ was filed on \_\_\_ as application serial no. \_\_\_ and was amended on \_\_\_ (if applicable) (in the case of a PCT-filed application) described and claimed in international no. \_\_\_ filed \_\_\_ and as amended on \_\_\_ (if any), which I have reviewed and for which I solicit a United States patent.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56 (see page 3 attached hereto).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119/365 of any foreign application(s) for patent of inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

a. ☒ no such applications have been filed.

b. \_\_\_ such applications have been filed as follows:

### FOREIGN APPLICATION(S), IF ANY, CLAIMING PRIORITY UNDER 35 USC § 119

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)

### ALL FOREIGN APPLICATIONS, IF ANY, FILED BEFORE THE PRIORITY APPLICATION(S)

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)

I hereby claim the benefit under Title 35, United States Code, § 120/365 of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in

# United States Patent Application

## COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: METHOD FOR FORMING A METALLIZATION LAYER.

The specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56 (see page 3 attached hereto).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119/365 of any foreign application(s) for patent of inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

No such applications have been filed.

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

<u>Application Number</u>	<u>Filing Date</u>
---------------------------	--------------------

I hereby claim the benefit under Title 35, United States Code, § 120/365 of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

<u>Application Number</u>	<u>Filing Date</u>	<u>Status</u>
---------------------------	--------------------	---------------

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Blanchi, Timothy E.	Reg. No. 39,610	Famey, W. Bryan	Reg. No. 32,651	Lempia, Bryan J.	Reg. No. 39,746
Billig, Patrick G.	Reg. No. 38,080	Fogg, David N.	Reg. No. 35,138	Lundberg, Steven W.	Reg. No. 30,568
Billion, Richard E.	Reg. No. 32,836	Forrest, Bradley A.	Reg. No. 30,837	Lynch, Michael L.	Reg. No. 30,871
Brennan, Thomas F.	Reg. No. 35,075	Forrest, Peter	Reg. No. 33,235	Schwegman, Micheal L.	Reg. No. 25,816
Burke, John E.	Reg. No. 35,836	Holloway, Sheryl S.	Reg. No. 37,850	Slifer, Russell D.	Reg. No. 39,838
Clark, Barbara J.	Reg. No. 38,107	Kalinowski, Leonard J.	Reg. No. 24,207	Viksins, Ann S.	Reg. No. 37,748
Dryja, Michael A.	Reg. No. 39,662	Kluth, Daniel J.	Reg. No. 32,146	Woessner, Warren D.	Reg. No. 30,440
Embretson, Janet E.	Reg. No. 39,665	Lemaire, Charles A.	Reg. No. 36,198		

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Schwegman, Lundberg, Woessner & Kluth, P.A. to the contrary.

Please direct all correspondence in this case to Schwegman, Lundberg, Woessner & Kluth, P.A. at the address indicated below:  
P.O. Box 2938, Minneapolis, MN 55402  
Telephone No. (612)339-0331

Title: Method for Forming a Metallization Layer  
Filing Date: Herewith

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of joint inventor number 1 : Gurtej Singh Sandhu

Citizenship: Great Britain

Residence: Boise, ID

Post Office Address: 2964 East Parkriver Drive  
Boise, ID 83706

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Gurtej Singh Sandhu

Full Name of joint inventor number 2 : Chris Chang Yu

Citizenship: United States of America

Residence: Aurora, IL

Post Office Address: 255 North Oakhurst Drive  
Apt. 33  
Aurora, IL 60504

Signature: Chris Chang Yu Date: May 25, 1996  
Chris Chang Yu

Full Name of inventor:

Citizenship:

Residence:

Post Office Address:

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Full Name of inventor:

Citizenship:

Residence:

Post Office Address:

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Our Ref: 303.85US1

Title: Method for Forming a Metallization Layer

Filing Date: Herewith

Page 2 of 4

the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

US APPLICATION NUMBER	DATE OF FILING (day, month, year)	STATUS(patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Bianchi, Timothy E.	Reg. No. 39,610	Fogg, David N.	Reg. No. 35,138	Lundberg, Steven W.	Reg. No. 30,568
Billig, Patrick G.	Reg. No. 38,080	Forrest, Bradley A.	Reg. No. 30,837	Lynch, Michael L.	Reg. No. 30,871
Brennan, Thomas F.	Reg. No. 35,075	Forrest, Peter	Reg. No. 33,235	Schwegman, Micheal L.	Reg. No. 25,816
Burke, John E.	Reg. No. 35,836	Holloway, Sheryl S.	Reg. No. 37,850	Slifer, Russell D.	Reg. No. 39,838
Clark, Barbara J.	Reg. No. 38,107	Kalinowski, Leonard J.	Reg. No. 24,207	Viksins, Ann S.	Reg. No. 37,748
Dennison, Lia Pappas	Reg. No. 34,095	Kluth, Daniel J.	Reg. No. 32,146	Woessner, Warren D.	Reg. No. 30,440
Embresson, Janet E.	Reg. No. 39,665	Lemaire, Charles A.	Reg. No. 36,198		
Farney, W. Bryan	Reg. No. 32,651	Lempia, Bryan J.	Reg. No. 39,746		

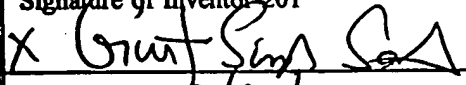
I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Schwegman, Lundberg, Woessner & Kluth, P.A. to the contrary.

Please direct all correspondence in this case to Schwegman, Lundberg, Woessner & Kluth, P.A. at the address indicated below:  
P.O. Box 2938, Minneapolis, MN 55402  
Telephone No. (612)339-0331

Title: Method for Forming a Metallization Layer

Filing Date: Herewith

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

201	Full Name of Inventor	Family Name	First Given Name	Second Given Name	
		SANDHU	Gurtej	Sandhu	
	Residence & Citizenship	City	State or Foreign Country	Country of Citizenship	
		Boise	Idaho	Great Britain	
	Post Office Address	Post Office Address	City	State & ZipCode/Country	
		2964 East Parkriver Drive	Boise	Idaho 83706/USA	
202	Full Name of Inventor	Family Name	First Given Name	Second Given Name	
		YU	Chris	Chang	
	Residence & Citizenship	City	State or Foreign Country	Country of Citizenship	
		Boise	Idaho	USA	
	Post Office Address	Post Office Address	City	State & ZipCode/Country	
		2801 Stewart Avenue	Boise	Idaho 83702/USA	
203	Full Name of Inventor	Family Name	First Given Name	Second Given Name	
	Residence & Citizenship	City	State or Foreign Country	Country of Citizenship	
	Post Office Address	Post Office Address	City	State & ZipCode/Country	
Signature of Inventor 201		Signature of Inventor 202		Signature of Inventor 203	
X 		X			
Date 5/23/96		Date		Date	

For Additional Inventors: \_\_ Indicate here and attach sheet with same information, including date and signature.

§ 1.56 Duty to disclose information material to patentability.

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
- (2) It refutes, or is inconsistent with, a position the applicant takes in:
  - (i) Opposing an argument of unpatentability relied on by the Office, or
  - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

(c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

- (1) Each inventor named in the application;
- (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.